



UNITED STATES PATENT AND TRADEMARK OFFICE

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Application Number	Filing Date	First Named Applicant	Atty. Docket No.
09/935,290	03/21/2001	Kapeller-Libermann, Rosana	MNI-186

959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON MA 02109

Title: 56919, A novel human acyltransferase and uses thereof

Date Mailed: 05/03/2002

Request for Substitute Papers

The papers filed on 03/04/02 (certificate of mailing dated 12/04/01) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated ~~703-746-1060 (OIRP)~~ 703-746-9195.

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

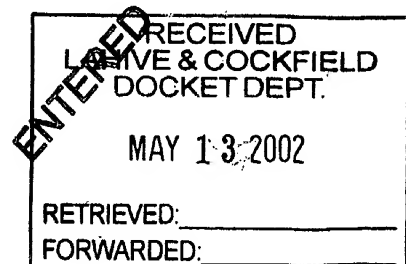
The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. **A copy of this notice should be included with the reply.**

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: Debra J. Milasincic, Esq. Registration No.: 46,931

Signature: [Signature] Date: May 17, 2002





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Rosana Kapeller-Libermann, *et al.*

Serial No.: 09/935,290

Filed: August 21, 2001

For: "56919, A Novel Human Acyltransferase and Uses
Thereof"

Attorney Docket No.: MNI-186

Group Art Unit: 1645

Examiner:

BOX MISSING PARTS
Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 C.F.R. §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

December 4, 2001

Date of Signature and of Mail Deposit

By:

Debra J. Milasincic, Esquire

Reg. No. 46,931

Attorney for Applicants

RESPONSE TO NOTICE TO FILE MISSING PARTS OF
NON-PROVISIONAL APPLICATION

Dear Sir:

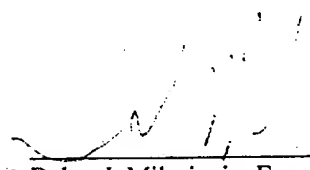
Responsive to the Notice to File Missing Parts of Non-Provisional Application dated October 4, 2001, Applicant's attorney submits herewith the executed Declarations, Petitions and Powers of Attorney for the above-identified patent application. Applicants' attorney further submits 32 sheets of substitute drawings (Figures 1A-10B) in compliance with 37 CFR 1.84. A check in the amount of \$2,560.00 is enclosed to cover the total amount owed by Applicants including \$130.00 surcharge, \$740.00 basic filing fee, \$1,410.00 additional claim fee, and \$280.00 multiple dependent claim fee based on large entity status. A copy of Formalities Letter is enclosed as well.

The Commissioner is hereby authorized to charge payment of any fees under 37 C.F.R. 1.16 and 1.17 during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080.

Please charge any underpayments or credit any overpayments associated with this communication to our Deposit Account No. 12-0080. A duplicate of this letter is enclosed.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Debra J. Milasincic, Esq.
Registration No. 46,931
Attorney for Applicant

28 State Street
Boston, MA 02109
Tel. (617) 227-7400

Dated: December 4, 2001



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* Admitted in NY only
** Passed the Patent Bar Examination
*** Admitted in TX only

December 4, 2001

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/935,290
Applicants: Rosana Kapeller-Libermann *et al.*
Filed: August 21, 2001
Title: 56919, A NOVEL HUMAN ACYLTRANSFERASE AND USES THEREOF
Attorney Docket No.: MNI-186

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Notice to File Missing Parts of Nonprovisional Application (in duplicate);
2. Two Executed Declarations, Petitions and Powers of Attorney (12 pgs.);
3. 32 Pages of Substitute Drawings (Figures 1A-10B) in compliance with 37 CFR 1.84;
4. Transmittal of Drawings;
5. A check for \$2,560.00 for filing, claim and surcharge fees due;
6. Copy of the Formalities Letter;
7. Request for Correction of Filing Receipt;
8. Copy of Filing Receipt with corrections marked in red;
9. Preliminary Amendment including "Version with Markings to Show Changes Made"; and
10. Prepaid Acknowledgment Postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231 on:

December 4, 2001

Date

Debra J. Milasincic, Esq. Reg. No. 46,931

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Debra J. Milasincic, Esq.
Reg. No. 46,931
Attorney for Applicants



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SHAHID HASAN, Ph.D.
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CRISTIN E. HOWLEY, Ph.D.

* Admitted in NY only
** Admitted in TX only

May 17, 2002

Via Facsimile

Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/935,290
Applicants: Rosana Kapeller-Libermann *et al.*
Filed: August 21, 2001
Title: 56919, A NOVEL HUMAN ACYLTRANSFERASE
AND USES THEREOF
Attorney Docket No.: MNI-186

Dear Sir:

Pursuant to the Request for Substitute Papers from the United States Patent Office in a letter dated May 3, 2002, (to comply with the 37 CFR 1.52 requirements), included please find a exact certified copy of the Response to Notice to File Missing Parts, along with related documents, which were previously filed on December 4, 2001.

In addition, please find a signed copy of the Request for Substitute Papers, which certifies that these copies are true and accurate copies of above-identified papers.

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being
facsimile transmitted to the Commissioner for Patents,
Washington, DC 20231 on:

May 17, 2002
Date

Debra J. Milasincic, Esq. Reg. No. 46,931

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Debra J. Milasincic, Esq.
Reg. No. 46,931
Attorney for Applicants



(MNI-186)

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants(s): Millennium Pharmaceuticals, Inc.

Inventor(s): Kapeller-Libermann, et al.

Serial No.: 09/935,290

Filed: August 21, 2001

Title: 56919, A Novel Human Acyltransferase and Uses Thereof

CERTIFICATION

I, Ilidio P. Cardoso, a public notary in and for the Commonwealth of Massachusetts, hereby certify and attest that the attached document is a true and exact copy of the Response to Notice to File Missing Parts of Nonprovisional Application, along with related papers which were filed on December 4, 2001 for the above-reference application.

Ilidio P. Cardoso

Notary Public

My Commission Expires: 9/24/2004

Seal



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Rosana Kapeller-Lieberman, *et al.*

Serial No.: 09/935,290

Filed: August 21, 2001

For: 56919, *A Novel Human Acyltransferase
and Uses Thereof*

Attorney Docket No.: MNI-186

Group Art Unit: 1645

Examiner: Not Yet Assigned

Commissioner for Patents
Washington, D.C. 20231

Attn: Office of Initial Patent Examination
Customer Service Center

REQUEST FOR CORRECTION OF FILING RECEIPT

Dear Sir:

The Filing Receipt for the above-identified patent application incorrectly lists the title as "ATCR-1, A Novel Human Acyltransferase and Uses Thereof" instead of "56919, A Novel Human Acyltransferase and Uses Thereof". A copy of the Filing Receipt with the changes noted thereon is submitted herewith.

Applicants request that the Filing Receipt be corrected.

<p>Certificate of First Class Mailing (37 CFR 1.8(a))</p> <p>I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner of Patents, Washington, D.C. 20231</p> <p>on: _____</p> <p>December 4, 2001 Date</p> <p>Debra J. Milasincic, Esq. Reg. No. 46,931</p>

LAHIVE & COCKFIELD, LLP

Attorneys at Law

By: _____

Debra J. Milasincic, Esquire
Agent for Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/935,290	08/21/2001	1645	0.00	MNI-186	20	43	11

CONFIRMATION NO. 8801

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON, MA 02109

FILING RECEIPT



OC00000006843412

Date Mailed: 10/04/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Rosana Kapeller-Libermann, Chestnut Hill, MA;
Thomas Joseph Logan, Needham, MA;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/226,509 08/21/2000

Foreign Applications

If Required, Foreign Filing License Granted 10/03/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

56919

~~ATER-1~~, a novel human acyltransferase and uses thereof

Preliminary Class

435

ENTERED
DOCKET DEPT.
OCT - 9 2001
RETRIEVED: *mac*
FORWARDED: *10/25/01*



LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

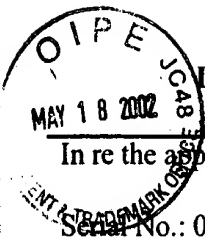
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Rosana Kapeller-Lieberman *et al.*

Serial No.: 09/935,290

Filed: August 21, 2001

For: "56919, A Novel Human Acyltransferase and Uses Thereof"

Attorney Docket No.: MNI-186

Group Art Unit: 1645

Examiner:

COPY

Box MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

Attn: Official Draftsman

TRANSMITTAL OF FORMAL DRAWINGS

Dear Sir:

In response to the Notice of to Filing Missing Parts of Nonprovisional Application, Applicants transmit herewith thirty-two (32) sheets of Formal Drawings (FIGS. 1A-10B) to replace those originally filed with the application. Applicants respectfully submit that the formal drawings are in compliance with 37 C.F.R. 1.84. Applicants request that the drawings be filed in the above-referenced patent application. No new matter has been added.

Please charge any fees in connection with this matter to Deposit Account No. 12-0080.

A duplicate is enclosed for this purpose.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231 on:

December 4, 2001

Date

Debra J. Milasincic, Esq. Reg. No. 46,931

Respectfully submitted,

LAHIVE & COCKFIELD, LLP.

Debra J. Milasincic, Esq.
Reg. No. 46,931
Attorney for Applicants



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/935,290	08/21/2001	Rosana Kapeller-Libermann	MNI-186

000959
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CONFIRMATION NO. 8801

FORMALITIES LETTER



OC000000006843413

Date Mailed: 10/04/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$1810.
 - \$900 for 50 total claims over 20.
 - \$640 for 8 independent claims over 3.
 - \$270 for multiple dependent claim surcharge.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 2650.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in dark ink, appearing to be 'Mh' or similar, written above a horizontal line.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE